Work Order ID March-28-13 10:47:53			*980	78*	٠.				Page 1		
Item ID: D3166 Revision ID: Item Name: Basket		hautri utamanti uti i i i i i i i i i i i i i i i i i	Accept	*N900	<u>040100</u>)* s	Setup Star	1 11 .	S1* S2*		
Start Date: 3/27/1 Required Date: 3/27/1 Reference:		*10* *10*		Cust Item I Customer:	D :			, -	.,		
Approvals: Proc	ess Plan: 425				nte:	R	Run Star Stop	171 -	R1* R2*		
Sequence ID/ Work Center ID	Operation Description		Set Up/ Run Hours	Tool ID	Tool # Plan Code	Accept Qty	Reject Qty	-	Insp. Stamp		
Draw Nbr	Revision Nbr							N			
D3166	Rev A1		0.00								
100 Large Fab	Skidtubes Memo		0.00			112	M	13:05	27_		
Large Fab	Cut 3/4" x 3.	/4" square tubing 60.00" for	og.			·	-				
110	•		0.00			G					
110 CNC Bềnd I	BENDING MACHINE -	SKIDTUBES	0.00			_(11)_	_S,	AD ,	13-05-06		
CNC Delta 100 Bender		6-1 Basket Hoop as per Dw folio 18.		program 350				3			
120	QC6- Inspect dimensions	s to drawing	0.00			••			040		

QC Memo
Quality Control Inspect Bas

Inspect Basket Hoop dimensions with template D3166-1-T1 (DT8302)

0.00

(I) 13-06-06 09

$NCR \cdot$	Yes	/	Nο

WORK ORDER NON-CONFORMANCE / UPDATE

DQA:

NCN. 1	es / 140				WORK ORDER HOR-		WANCE / OI	DAIL	QA Closed:	Date:	· · · · · · · · · · · · · · · · · · ·		
Work Orde	rř:				DISPOSITION		AGAINST DEPARTMENT/PROCESS						
Part N					Rework Scrap]	Skid-tube Machining	Crosstube Small Fab	4	Water Jet d. Eng. Coor.	Engineering Quality		
NCR N	lo				Use-as-is Work Order Update	Ther	moforming Large Fab	Finishing Composite	Rec/Sto	re/Packaging Supplier	Other		
Root	:			Descri	ption of work order update	Initial	Ac	tion	Sign &				
Cause	Date	Step	Qty		or Non-conformance	Chief En	Desc	cription	Date	Verification	QC Inspector		
Doc/Data		1											
Equip/Tooling	_												
Operator	_												
Material	_	Ī											
Setup				÷		,			İ				
Other													
Process													
Supplier	_					ĺ							
Training		}											
Unapproved		<u> </u>	<u> </u>	l					l				
						AULT CAT	EGORY		· · · · · · · · · · · · · · · · · · ·				
Landir	ng Gear				General			_	7	_	, l		
ļ	Bending			_	Bend	Grain		_	Ovalized		Pressure/Forced		
	Centre N	lot Conce	ntric to	o/s	BOM/Route	Hardw	are		Over/Under	tolerance	Temperature/Cure		
	Cracks				Broken/Damaged	Inspec	tion Incomplete		Part Incorre	ct	Weld		
	Crushed	/Crimped			Burrs	Instru	ctions Incomplete/	'Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled		
	Cuffs				Contamination	Maint	enance		Part Moved				
	Heat Tre	at			Countersink	Mislat	eled		Positioned V	Vrong	_		
	Inspection	on Strip in	Tube		Cut Too Short	Misre	ad		Power Loss/	Surge	Other		
	Ripples i	n Bend		. [Drill Holes	Offset							
Šć	Torque \	Naves in E	Extrusio	n [Drawing	Out of	Calibration						
	Turning	Sequence			Finish	Out of	Sequence		24	<u>.</u>			
	Wave/T	wist in Tul	ne		Teolio	Outsic	e Dimensions	•	-				

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Work Orde		3978		*98	978*					Page 2
Item ID: Revision ID: Item Name:	D3166-1 Basket Hoop		A	Accept	*N9000	40100)* s	etup Start Stop	*N.9 *N.9	S1* S2*
Start Date: Required Date: Reference:	3/27/13 3/27/13	Start Qty: 10.00 Req'd Qty: 10.00	*10* *10*		Cust Item ID: Customer:	·.		Q1		
Approvals:	Process Pl	an:	Date:	Tooling: SPC (Y/N):	Date:		R	tun Start Stop	"	R1* R2*
Sequence ID/ Work Center II 130 *120* Packaging Packaging	D	Operation Description Identify as per dwg & Sto	ock Location: WA 4	Set Up/ Run Hours 0.00	Tool ID 7	Fool # Plan Code	Accept Qty	•	Reject Number	Insp. Stamp
*140 *140 * QC Quality Control		QC21- Final Inspection -	Work Order Release	0.00				и <i>Б</i> м	13-0(6-07

		•								DQA:	Date:			
Part No														
WI-O-I-	·				DISPOSITION									
Part N	lo				Scrap Use-as-is	Machining Small Fab Thermoforming Finishing				d. Eng. Coor. re/Packaging	Engineering Quality Other			
Root				Descri	ption of work order update	Ir	nitial	Action	1	Sign &				
Cause	Date	Step	Qty	(or Non-conformance	Chi	ief Eng	Descripti	ion	Date	Verification	QC Inspector		
Doc/Data														
Equip/Tooling		1									•			
Operator										:	•			
Material							:							
Setup			l		. •					'				
Other														
Process														
Supplier		İ		•								1.		
Training														
Unapproved														
· · · · · · · · · · · · · · · · · · ·					F	AUL.	T CATE	GORY			·			
Landir	ng Gear				General	_						-		
	Bending				Bend	Ш	Grain			Ovalized	<u> </u>	Pressure/Forced		
	Centre N	ot Conce	ntric to	o/s	BOM/Route	Ш	Hardwa	re		Over/Under	tolerance	Temperature/Cure		
	Cracks				Broken/Damaged	Ш	Inspecti	on Incomplete		Part Incorrec	ct	╡		
,	Crushed	/Crimped			Burrs	Ш	Instruct	ions Incomplete/Uncl	lear	Part Lost/Mi	ssing	Wrong Stock Pulled		
	Cuffs				Contamination		Mainte	nance		Part Moved				
	Heat Tre	at			Countersink		Mislabe	led		Positioned W	Vrong			

Misread

Out of Calibration

Out of Sequence

Outside Dimensions

Offset

Other

Power Loss/Surge

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Inspection Strip in Tube

Torque Waves in Extrusion

Cut Too Short

Drill Holes

Drawing

Finish Folio

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March-28-13 10:47:52 AM

Work Order ID:

98978

Parent Item:

D3166-1

Parent Item Name:

Basket Hoop

Start Date: 3/27/13

Required Date: 3/27/13

Start Qty: 10.00

Required Qty: 10.00

Comments:

IPP A02.08.23New issueKJ

IPP: B 08.12.05 Updated bending program on step 3 per NCR W/O43165 KJ Verified by: EC IPP Rev:C 09-01-23 as per DEO D3166-A2 DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TS0.750W.065 304 SQ Tube .75x.75x.065	5W	Purchased	No			100	f	2,125.8319	5 MIA	52.631579 12203 -	→ 63	££	
3013Q 1400 1131.131.000	, ···			Location		Loc Oty	Loc	: Code	7-1-1-4	,,,,,,,	1) -		-
				MAT017		460.5916					出3	05 0	17
				1240	069	460.5916							
				WA006		1665.240297							
				1233	303	200.503297							
				124	880	464.737						•	
		1		1250	068	1000							

											DQA:	Date	·
NCR:	⁄es	/ No				WORK ORDER NON-C	COI	NFORN	MANCE / UPI	DATE	QA Closed:	 Date:	
 -			···			DISPOSITION		<u> </u>		AGAINST DI	EPARTMENT,		
Work Orde	er: _					DISF 03111014				_			-, p
Part N	-		<u>,</u>			Rework Scrap Use-as-is Work Order Update		Therm	Skid-tube Machining oforming Large Fab	Crosstube Small Fab Finishing Composite	-1	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root					Descri	ption of work order update		Initial	Act	tion	Sign &		
Cause		Date	Step	Qty	c	or Non-conformance	Cr	nief Eng	Descr	ription	Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved													
				·		F.	AUI	LT CATE	SORY				
Landi						General		7			7		7
		Bending			<u> </u>	Bend		Grain		<u> </u>	Ovalized	<u></u>	Pressure/Forced
		Centre No	ot Concei	ntric to	o/s	BOM/Route		Hardwa		_	Over/Under	 	Temperature/Cure
	-	Cracks				Broken/Damaged		- i `	on Incomplete	<u> </u>	Part Incorre		Weld
	Ш	Crushed/	Crimped			Burrs		4	ons incomplete/l	Jnclear	Part Lost/Mi	issing	Wrong Stock Pulled
		Cuffs				Contamination		Mainte	nance		Part Moved		
		Heat Trea	it			Countersink		Mislabe	led		Positioned V	Vrong	_
		Inspectio	n Strip in	Tube		Cut Too Short		Misread			Power Loss/	Surge	Other

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

Drill Holes

Drawing

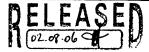
Finish Folio

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DESIGN	DRAWN BY	DART AEROSI HAWKESBURY, ONTA	
CHECKED	APPROVED	DRAWING NO.	REV. A
	4	D3166	SHEET 1 OF 1
DATE		TITLE	SCALE
 02.07.	10	BASKET HOOP	NTS
A	02.07.10	NEW ISSUE	
AI di	- (f) 04.04.08	38+1-1 W45 36.0	





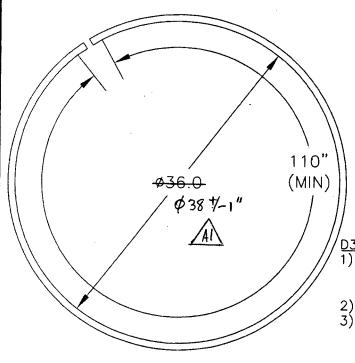
10.6 (REF, NEED 8.0 MIN)

D3166-1 BASKET HOOP

1) MATERIAL: AISI 304/316 SS SQUARE TUBING, 0.75" x 0.75" x 0.063 WALL, 60.00" LONG (REF DART SPEC. M304TS0.750W.063)

2) FINISH: NONE

3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED



D3166-3 BASKET HOOP

1) MATERIAL: AISI 304/316 SS SQUARE TUBING, 0.75" x 0.75" x 0.063 WALL, 120.00" LONG (REF DART SPEC. M304TS0.750W.063)

2) FINISH: NONE

3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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8044444	1						70110	
DRAWING NO.	TITLE	1	REVA1	DART AERO	SPACE LTD	D.E.O. NO.	SHEET NO.	SCALE
D3166	BASKET HO	OP OP		ENGINEERI		D3166-A-2	1 OF 1	NTS
DRAWN A.	IS (CHECKED ,		MFG. APPR.		APPROVED //	DE APPR	
DATE 08.1	2.11 [DATE 08. 12.15		DATE OX/	12/15	DATE 08/12/16	DATE 08.12.16	

1) MODIFY MATERIAL NOTE FOR D3166-1 AS SHOWN:

IS:

1) MATERIAL: AISI 304/316 SS, 3/4 X 3/4 X 0.065 WALL SQUARE TUBING,

60.00" LONG

REF. DART SPEC M304TS0.750W.065

WAS:

1) MATERIAL: AISI 304/316 SS SQUARE TUBING,

0.75" x 0.75" x 0.063 WALL, 60.00" LONG (REF DART SPEC. M304TS0.750W.063)

2) MODIFY MATERIAL NOTE FOR D3166-3 AS SHOWN:

IS:

1) MATERIAL: AISI 304/316 SS, 3/4 X 3/4 X 0.065 WALL SQUARE TUBING,

120.00" LONG

REF. DART SPEC M304TS0.750W.065

WAS:

1) MATERIAL: AISI 304/316 SS SQUARE TUBING, 0.75" x 0.75" x 0.063 WALL, 120.00" LONG (REF DART SPEC. M304TS0.750W.063)

SASED ASED

REASON: SEE PAR 08-005

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